53808-1

Department of Employment and Training

Employment Review

SEPTEMBER1990

EMPLOYMENT DISPLAYS SEASONAL INCREASES

Total nonagricultural employment in Massachusetts increased to a level of 3,013,200 in September. This is an increase of 2,500 jobs from August. On a annual basis, nonagricultural employment was down 94,300 jobs from September of 1989.

September has always been a transitional month in the Massachusetts economy. Seasonal employment patterns exert a great deal of influence on the monthly data. For example, September is the month when the bulk of school employees return to work after the summer vacation period. In accordance with this pattern, government employment increased by 14,800 jobs this month. State and local education increased by 3,400 and 20,200 jobs, respectively. In conjunction with the re-opening of schools, there was an increase in the transportation industry, as workers return to the school bus companies. With the closing of schools in July, transportation employment decreased by 4,200 jobs. Now that schools are back in session, and school buses running, the transportation industry increased by 4,100 jobs over the month.

As education and transportation are expanding in September, other industries are contracting. As summer ends, September marks the month when recreational and tourism based companies significantly reduce the number of employees. This seasonal pattern can be seen in the over the month decline of 7,800 jobs in the service industries. Simultaneously, the construction companies are also reducing their payrolls. However, in September 1990, seasonal patterns were not as evident as in previous years. Construction, for example, which showed a decrease of 6,600 jobs last September, declined by only 1,900 jobs this year. Due to slowdowns in the economy, less seasonal hirings occurred in July, negating the need for large seasonal layoffs in September.

A brief glance at the remaining industrial divisions shows across the board decreases. Finance, insurance and real estate registered a decline of 4,000 jobs. Manufacturing and wholesale and retail trade also dipped over the month.

UNEMPLOYMENT RATE DECLINES

The Commonwealth registered a seasonally adjusted unemployment rate of 6.2 percent in September 1990. This represents a decrease from the 6.7 percent rate in August, and is the first monthly decrease in 1990. The national unemployment rate increased from 5.6 percent to 5.7 percent in September.

The Salem-Gloucester PMSA at 5.3 percent and the Boston PMSA at 5.5 percent

(continued on page 9)

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS	SEP 1990	AUG 1990	SEP 1989	MONTHLY CHANGE #	MONTHLY CHANGE %	ANNUAL CHANGE #	ANNUAL CHANGE %
NONAGRICULTURAL EMPLOYMENT	3,013.2	3,010.7	3,107.5	2.5	0.1	-94.3	-3.0
TOTAL PRIVATE	2,624.2	2,636.5	2,708.9	-12.3	-0.5	-84.7	-3.1
GOODS PRODUCING	632.6	635.9	691.7	-3.3	-0.5	-59.1	-8.5
SERVICE PRODUCING	2,380.6	2,374.8	2,415.8	5.8	0.2	-35.2	-1.5
PRIVATE SERVICE PRODUCING	1,991.6	2,000.6	2,017.2	-9.0	-0.5	-25.6	-1.3
MINING	1.5	1.5	1.5	0.0	*****	0.0	0.0
CONSTRUCTION	108.3	110.2	132.9	-1.9	-1.8	-24.6	-18.5
GENERAL BUILDING CONTRACTORS	23.7	24.7	36.0	-1.0	-4.2	-12.3	-34.2
HEAVY CONSTRUCTION,EX. BLDG	9.7	9.3	10.4	0.4	4.1	-0.7	-6.7
SPECIAL TRADE CONTRACTORS	74.9	76.2	86.5	-1.3	-1.7	-11.6	-13.4
MANUFACTURING	522.8	524.2	557.3	-1.4	-0.3	-34.5	-6.2
DURABLE GOODS	343.1	344.3	369.3	-1.2	-0.3	-26.2	-7.1
LUMBER & FURNITURE	10.2	10.3	11.0	-0.1	-1.0	-0.8	-7.3
STONE,CLAY & GLASS	9.5	9.3	10.2	0.2	2.1	-0.7	-6.9
PRIMARY METALS	11.1	11.1	12.3	0.0	*****	-1.2	-9.8
FABRICATED METALS	40.8	40.7	43.1	0.1	0.2	-2.3	-5.3
CUTLERY,HAND TOOLS,HARDWARE	8.6	8.7	8.3	-0.1	-1.2	0.3	3.6
INDUSTRIAL MACH & EQUIPMENT	86.0	85.9	95.2	0.1	0.1	-9.2	-9.7
METALWORKING MACHINERY	11.1	11.2	12.4	-0.1	-0.9	-1.3	-10.5
SPECIAL INDUSTRY MACHINERY	9.5	9.4	10.0	0.1	1.1	-0.5	-5.0
COMPUTER & OFFICE EQUIPMENT	44.3	44.4	51.4	-0.1	-0.2	-7.1	-13.8
ELECTRONIC & ELECTRIC EQUIPMENT	69.7	70.4	78.3	-0.7	-1.0	-8.6	-11.0
COMMUNICATIONS EQUIPMENT	16.9	17.0	18.8	-0.1	-0.6	-1.9	-10.1
ELECTRONIC COMPONENTS	32.0	32.6	36.2	-0.6	-1.9	-4.2	-11.6
TRANSPORTATION EQUIPMENT	28.4	29.0	29.6	-0.6	-2.1	-1.2	-4.1
INSTRUMENTS	68.5	69.1	71.1	-0.6	-0.9	-2.6	-3.7
MEASURING & CONTROL DEVICES	25.9	26.5	27.5	-0.6	-2.3	-1.6	-5.8
MISCELLANEOUS MANUFACTURING	18.9	18.5	18.5	0.4	2.1	0.4	2.2
JEWELRY	7.3	7.2	7.6	0.1	1.4	-0.3	-3.9
NONDURABLE GOODS	179.7	179.9	188.0	-0.2	-0.1	-8.3	-4.4
FOOD & KINDRED PRODUCTS	21.0	20.9	21.2	0.1	0.5	-0.2	-0.9
TEXTILE MILL PRODUCTS	14.4	14.3	15.5	0.1	0.7	-1.1	-7.1
APPAREL	19.4	19.6	21.8	-0.2	-1.0	-2.4	-11.0
PAPER & ALLIED PRODUCTS	22.5	22.3	23.1	0.2	0.9	-0.6	-2.6
PRINTING & PUBLISHING	52.9	52.9	54.0	0.0	*****	-1.1	-2.0
CHEMICALS	16.8	16.8	18.0	0.0	*****	-1.2	-6.7
RUBBER & MISCELLANEOUS PLASTIC PROD	24.2	24.4	25.2	-0.2	-0.8	-1.0	-4.0
MISCELLANEOUS PLASTIC PRODUCTS	17.9	18.4	18.7	-0.5	-2.8	-0.8	-4.3
LEATHER & LEATHER PRODUCTS	7.1	7.0	7.5	0.1	1.4	-0.4	-5.3
TRANSPORTATION,PUBLIC UTILITIES	130.0	126.5	121.3	3.5	2.7	8.7	7.2
TRANSPORTATION	74.7	70.6	76.2	4.1	5.5	-1.5	-2.0
COMMUNICATIONS & PUBLIC UTILITIES	55.3	55.9	45.1	-0.6	-1.1	10.2	22.6
COMMUNICATIONS	31.3	31.3	21.3#	0.0	*****	10.0	46.9
ELECTRIC,GAS & SANITARY SERVICES	24.0	24.6	23.8	-0.6	-2.5	0.2	0.8
WHOLESALE & RETAIL TRADE	720.0	720.7	747.0	-0.7	-0.1	-27.0	-3.6
WHOLESALE TRADE	180.6	182.4	182.2	-1.8	-1.0	-1.6	-0.9
DURABLE GOODS	104.9	105.7	109.8	-0.8	-0.8	-4.9	-4.5
NONDURABLE GOODS	75.7	76.7	72.4	-1.0	-1.3	3.3	4.6
RETAIL TRADE	539.4	538.3	564.8	1.1	0.2	-25.4	-4.5
BUILD. MATERIALS & GARDEN SUPPLIES	21.5	21.8	21.9	-0.3	-1.4	-0.4	-1.8
GENERAL MERCHANDISE STORES	53.5	52.8	57.2	0.7	1.3	-3.7	-6.5
FOOD STORES	95.6	96.5	97.5	-0.9	-0.9	-1.9	-1.9
AUTO DEALERS & SERVICE STATIONS	46.0	46.2	49.6	-0.2	-0.4	-3.6	-7.3
APPAREL & ACCESSORIES	42.8	42.7	46.4	0.1	0.2	-3.6	-7.8
FURN. & EQUIP. STORES	23.2	23.3	24.8	-0.1	-0.4	-1.6	-6.5
EATING & DRINKING PLACES	178.4	178.6	185.1	-0.2	-0.1	-6.7	-3.6
MISCELLANEOUS RETAIL	78.4	76.3	82.3	2.1	2.7	-3.9	-4.7
FINANCE, INSURANCE & REAL ESTATE	216.1	220.1	216.9	-4.0	-1.9	-0.8	-0.4
FINANCE	105.9	107.9	106.3	-2.0	-1.9	-0.4	-0.4
DEPOSITORY INSTITUTIONS	72.9	74.4	74.5	-1.5	-2.1	-1.6	-2.1
COMMERCIAL BANKS	43.9	45.0	44.7	-1.1	-2.5	-0.8	-1.8
SAVINGS INSTITUTIONS	22.1	22.4	22.9	-0.3	-1.4	-0.8	-3.5
INSURANCE	77.6	78.7	77.3	-1.1	-1.4	0.3	0.4
INSURANCE CARRIERS	55.1	55.8	54.9	-0.7	-1.3	0.2	0.4
SERVICES	925.5	933.3	932.0	-7.8	-0.8	-6.5	-0.7
BUSINESS SERVICES	160.1	158.5	165.6	1.6	1.0	-5.5	-3.3
HEALTH SERVICES	273.4	272.8	262.9	0.6	0.2	10.5	4.0
HOSPITALS	127.8	128.3	127.2	-0.5	-0.4	0.6	0.5
EDUCATIONAL SERVICES	113.7	109.1	118.8	4.6	4.0	-5.1	-4.3
SOCIAL SERVICES	67.0	68.5	66.8	-1.5	-2.2	0.2	0.3
ENGINEERING & MGMT. SERVICES	96.8	98.2	99.1	-1.4	-1.4	-2.3	-2.3
GOVERNMENT	389.0	374.2	398.6	14.8	3.8	-9.6	-2.4
FEDERAL	63.3	65.1	63.6	-1.8	-2.8	-0.3	-0.5
U S POSTAL SERVICE	26.8	27.3	27.3	-0.5	-1.9	-0.5	-1.8
STATE	96.1	94.1	99.5	2.0	2.1	-3.4	-3.4
STATE HOSPITALS	12.5	12.4	12.8	0.1	0.8	-0.3	-2.3
STATE EDUCATION	23.2	19.8	23.4	3.4	14.7	-0.2	-0.9
LOCAL	229.6	215.0	235.5	14.6	6.4	-5.9	-2.5
LOCAL EDUCATION	128.3	108.1	131.7	20.2	15.7	-3.4	-2.6
* HIGH TECHNOLOGY MANUFACTURING	208.0	209.3	228.0	-1.3	-0.6	-20.0	-8.8
* HIGH TECHNOLOGY NONMANUFACTURING	91.2	93.0	93.7	-1.8	-2.0	-2.5	-2.7

* - NOT VALIDATED BY BLS

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON, MASSACHUSETTS PMSA				MONTHLY CHANGE		ANNUAL CHANGE	
	SEP 1990	AUG 1990	SEP 1989	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1,683.8	1,680.5	1,724.6	3.3	0.2	-40.8	-2.4
TOTAL PRIVATE	1,487.6	1,491.7	1,522.0	-4.1	-0.3	-34.4	-2.3
GOODS PRODUCING	296.1	297.2	325.0	-1.1	-0.4	-28.9	-8.9
SERVICE PRODUCING	1,387.7	1,383.3	1,399.6	4.4	0.3	-11.9	-0.9
*PRIVATE SERVICE PRODUCING	1,191.5	1,194.5	1,197.0	-3.0	-0.3	-5.5	-0.5
MINING	0.8	0.8	0.7	0.0	*****	0.1	14.3
CONSTRUCTION	53.2	53.7	67.4	-0.5	-0.9	-14.2	-21.1
MANUFACTURING	242.1	242.7	256.9	-0.6	-0.2	-14.8	-5.8
DURABLE GOODS	170.4	170.9	182.8	-0.5	-0.3	-12.4	-6.8
FABRICATED METALS	14.0	14.0	14.7	0.0	*****	-0.7	-4.8
INDUSTRIAL MACH & EQUIPMENT	37.7	37.7	41.8	0.0	*****	-4.1	-9.8
ELECTRONIC & ELECTRIC EQUIPMENT	37.8	37.7	41.6	0.1	0.3	-3.8	-9.1
TRANSPORTATION EQUIPMENT	16.0	16.2	16.8	-0.2	-1.3	-0.8	-4.8
INSTRUMENTS	53.7	54.1	55.8	-0.4	-0.7	-2.1	-3.8
NONDURABLE GOODS	71.7	71.8	74.1	-0.1	-0.1	-2.4	-3.2
FOOD & KINDRED PRODUCTS	10.7	10.6	10.9	0.1	0.9	-0.2	-1.8
TEXTILES, APPAREL, & LEATHER	9.4	9.3	9.9	0.1	1.1	-0.5	-5.1
PAPER & ALLIED PRODUCTS	6.3	6.2	6.4	0.1	1.6	-0.1	-1.6
PRINTING & PUBLISHING	31.0	31.3	32.1	-0.3	-1.0	-1.1	-3.4
CHEMICALS, PETROL. & COAL	7.5	7.6	7.9	-0.1	-1.3	-0.4	-5.1
RUBBER & MISCELLANEOUS PLASTIC PROD	6.8	6.8	6.9	0.0	*****	-0.1	-1.4
TRANSPORTATION, PUBLIC UTILITIES	76.9	75.6	70.2	1.3	1.7	6.7	9.5
TRANSPORTATION	45.1	43.6	44.6	1.5	3.3	0.5	1.1
COMMUNICATIONS	19.8	19.9	13.5#	-0.1	-0.5	6.3	46.7
ELECTRIC, GAS & SANITARY SERVICES	12.0	12.1	12.1	-0.1	-0.8	-0.1	-0.8
WHOLESALE & RETAIL TRADE	376.4	376.6	389.1	-0.2	-0.1	-12.7	-3.3
WHOLESALE TRADE	108.5	109.7	109.5	-1.2	-1.1	-1.0	-0.9
RETAIL TRADE	267.9	266.9	279.6	1.0	0.4	-11.7	-4.2
BUILD. MATERIALS & GARDEN SUPPLIES	10.0	10.1	10.3	-0.1	-1.0	-0.3	-2.9
GENERAL MERCHANDISE STORES	25.1	24.6	27.7	0.5	2.0	-2.6	-9.4
FOOD STORES	49.2	49.7	48.2	-0.5	-1.0	1.0	2.1
AUTO DEALERS & SERVICE STATIONS	21.6	22.0	23.2	-0.4	-1.9	-1.6	-6.9
APPAREL & ACCESSORIES	24.4	23.9	26.9	0.5	2.0	-2.5	-9.3
EATING & DRINKING PLACES	85.3	85.1	90.8	0.2	0.2	-5.5	-6.1
FINANCE, INSURANCE & REAL ESTATE	146.0	148.0	147.0	-2.0	-1.4	-1.0	-0.7
FINANCE	77.1	78.4	77.4	-1.3	-1.7	-0.3	-0.4
DEPOSITORY INSTITUTIONS	48.1	49.2	49.1	-1.1	-2.3	-1.0	-2.0
INSURANCE	46.7	47.2	47.3	-0.5	-1.1	-0.6	-1.3
SERVICES	592.2	594.3	590.7	-2.1	-0.4	1.5	0.3
BUSINESS SERVICES	113.9	113.4	115.8	0.5	0.4	-1.9	-1.6
HEALTH SERVICES	152.9	153.3	148.4	-0.4	-0.3	4.5	3.0
EDUCATIONAL SERVICES	88.0	85.6	89.0	2.4	2.7	-1.0	-1.1
SOCIAL SERVICES	35.4	35.8	35.2	-0.4	-1.1	0.2	0.6
ENGINEERING & MGMT. SERVICES	78.6	79.5	80.0	-0.9	-1.1	-1.4	-1.8
GOVERNMENT	196.2	188.8	202.6	7.4	3.8	-6.4	-3.2
FEDERAL	36.7	37.6	38.2	-0.9	-2.5	-1.5	-3.9
U S POSTAL SERVICE	14.6	14.7	15.1	-0.1	-0.7	-0.5	-3.3
STATE	48.2	49.5	50.1	-1.3	-2.7	-1.9	-3.8
STATE EDUCATION	8.4	8.4	8.1	0.0	*****	0.3	3.7
LOCAL	111.3	101.7	114.3	9.6	8.6	-3.0	-2.6
LOCAL EDUCATION	60.0	48.8	62.4	11.2	18.7	-2.4	-3.8

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

				MONTHLY CHANGE		ANNUAL CHANGE	
	SEP 1990	AUG 1990	SEP 1989	#	%	#	%
SPRINGFIELD, MASSACHUSETTS MSA							
NONAGRICULTURAL EMPLOYMENT	236.4	234.0	242.3	2.4	1.0	-5.9	-2.4
TOTAL PRIVATE	198.9	198.5	202.8	0.4	0.2	-3.9	-1.9
GOODS PRODUCING	54.1	54.1	56.9	0.0	*****	-2.8	-4.9
SERVICE PRODUCING	182.3	179.9	185.4	2.4	1.3	-3.1	-1.7
PRIVATE SERVICE PRODUCING	144.8	144.4	145.9	0.4	0.3	-1.1	-0.8
MINING	0.2	0.2	0.2	0.0	*****	0.0	0.0
CONSTRUCTION	8.1	7.9	9.3	0.2	2.5	-1.2	-12.9
MANUFACTURING	45.8	46.0	47.4	-0.2	-0.4	-1.6	-3.4
DURABLE GOODS	23.4	23.4	23.9	0.0	*****	-0.5	-2.1
FABRICATED METALS	6.2	6.2	6.3	0.0	*****	-0.1	-1.6
NONDURABLE GOODS	22.4	22.6	23.5	-0.2	-0.9	-1.1	-4.7
PAPER & ALLIED PRODUCTS	7.1	7.2	7.3	-0.1	-1.4	-0.2	-2.7
PRINTING & PUBLISHING	5.7	5.8	6.0	-0.1	-1.8	-0.3	-5.0
TRANSPORTATION, PUBLIC UTILITIES	10.0	9.7	9.4 #	0.3	3.0	0.6	6.4
WHOLESALE & RETAIL TRADE	58.6	58.3	60.5	0.3	0.5	-1.9	-3.1
WHOLESALE TRADE	11.3	11.4	11.8	-0.1	-0.9	-0.5	-4.2
RETAIL TRADE	47.3	46.9	48.7	0.4	0.8	-1.4	-2.9
FINANCE, INSURANCE & REAL ESTATE	14.7	14.9	15.6	-0.2	-1.4	-0.9	-5.8
INSURANCE CARRIERS	6.5	6.7	7.1	-0.2	-3.1	-0.6	-8.5
SERVICES	61.5	61.5	60.4	0.0	*****	1.1	1.8
HEALTH SERVICES	23.2	23.1	22.1	0.1	0.4	1.1	5.0
GOVERNMENT	37.5	35.5	39.5	2.0	5.3	-2.0	-5.1
FEDERAL	6.6	6.7	6.4	-0.1	-1.5	0.2	3.1
U S POSTAL SERVICE	3.9	3.9	4.0	0.0	*****	-0.1	-2.5
STATE	8.4	8.4	8.5	0.0	*****	-0.1	-1.2
LOCAL	22.5	20.4	24.6	2.1	9.3	-2.1	-8.5
LOCAL EDUCATION	12.6	10.1	13.7	2.5	19.8	-1.1	-8.0
WORCESTER, MASSACHUSETTS MSA							
NONAGRICULTURAL EMPLOYMENT	200.8	198.7	202.9	2.1	1.0	-2.1	-1.0
TOTAL PRIVATE	177.6	176.6	178.8	1.0	0.6	-1.2	-0.7
GOODS PRODUCING	51.9	52.1	54.0	-0.2	-0.4	-2.1	-3.9
SERVICE PRODUCING	148.9	146.6	148.9	2.3	1.5	0.0	0.0
PRIVATE SERVICE PRODUCING	125.7	124.5	124.8	1.2	1.0	0.9	0.7
MINING	0.3	0.3	0.2	0.0	*****	0.1	50.0
CONSTRUCTION	8.2	8.3	9.2	-0.1	-1.2	-1.0	-10.9
MANUFACTURING	43.4	43.5	44.6	-0.1	-0.2	-1.2	-2.7
DURABLE GOODS	29.7	29.7	30.2	0.0	*****	-0.5	-1.7
FABRICATED METALS	6.6	6.5	6.8	0.1	1.5	-0.2	-2.9
INDUSTRIAL MACH & EQUIPMENT	11.1	11.0	11.1	0.1	0.9	0.0	0.0
NONDURABLE GOODS	13.7	13.8	14.4	-0.1	-0.7	-0.7	-4.9
TRANSPORTATION, PUBLIC UTILITIES	9.4	9.2	8.5 #	0.2	2.1	0.9	10.6
WHOLESALE & RETAIL TRADE	49.7	49.5	49.3	0.2	0.4	0.4	0.8
WHOLESALE TRADE	13.8	13.8	13.3	0.0	*****	0.5	3.8
RETAIL TRADE	35.9	35.7	36.0	0.2	0.6	-0.1	-0.3
FINANCE, INSURANCE & REAL ESTATE	14.0	14.2	14.2	-0.2	-1.4	-0.2	-1.4
SERVICES	52.6	51.6	52.8	1.0	1.9	-0.2	-0.4
HEALTH SERVICES	17.8	17.5	17.3	0.3	1.7	0.5	2.9
GOVERNMENT	23.2	22.1	24.1	1.1	4.7	-0.9	-3.7
FEDERAL	2.0	2.1	1.9	-0.1	-5.0	0.1	5.3
STATE	5.3	5.3	5.8	0.0	*****	-0.5	-8.6
LOCAL	15.9	14.7	16.4	1.2	7.5	-0.5	-3.0

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

				MONTHLY CHANGE		ANNUAL CHANGE	
	SEP 1990	AUG 1990	SEP 1989	#	%	#	%
BROCKTON, MASSACHUSETTS PMSA							
NONAGRICULTURAL EMPLOYMENT	72.6	72.3	73.9	0.3	0.4	-1.3	-1.8
TOTAL PRIVATE	60.5	60.2	61.9	0.3	0.5	-1.4	-2.3
GOODS PRODUCING	12.1	12.1	13.6	0.0	*****	-1.5	-11.0
SERVICE PRODUCING	60.5	60.2	60.3	0.3	0.5	0.2	0.3
PRIVATE SERVICE PRODUCING	48.4	48.1	48.3	0.3	0.6	0.1	0.2
CONSTRUCTION	2.9	2.9	3.7	0.0	*****	-0.8	-21.6
MANUFACTURING	9.2	9.2	9.9	0.0	*****	-0.7	-7.1
DURABLE GOODS	4.8	4.8	5.3	0.0	*****	-0.5	-9.4
NONDURABLE GOODS	4.4	4.4	4.6	0.0	*****	-0.2	-4.3
TRANSPORTATION,PUBLIC UTILITIES	4.6	4.5	4.2 #	0.1	2.2	0.4	9.5
WHOLESALE & RETAIL TRADE	23.8	23.7	24.4	0.1	0.4	-0.6	-2.5
WHOLESALE TRADE	4.6	4.7	4.9	-0.1	-2.2	-0.3	-6.1
RETAIL TRADE	19.2	19.0	19.5	0.2	1.0	-0.3	-1.5
FINANCE, INSURANCE & REAL ESTATE	3.5	3.5	3.6	0.0	*****	-0.1	-2.8
SERVICES	16.5	16.4	16.1	0.1	0.6	0.4	2.5
GOVERNMENT	12.1	12.1	12.0	0.0	*****	0.1	0.8
FEDERAL	2.9	3.2	2.8	-0.3	-10.3	0.1	3.6
STATE	2.9	2.8	2.8	0.1	3.4	0.1	3.6
LOCAL	6.3	6.1	6.4	0.2	3.2	-0.1	-1.6
LAWRENCE-HAVERHILL, MASSACHUSETTS-NEW HAMPSHIRE PMSA							
NONAGRICULTURAL EMPLOYMENT	163.2	162.3	164.6	0.9	0.6	-1.4	-0.9
TOTAL PRIVATE	142.3	142.4	143.4	-0.1	-0.1	-1.1	-0.8
GOODS PRODUCING	51.8	51.9	54.9	-0.1	-0.2	-3.1	-5.6
SERVICE PRODUCING	111.4	110.4	109.7	1.0	0.9	1.7	1.5
PRIVATE SERVICE PRODUCING	90.5	90.5	88.5	0.0	*****	2.0	2.3
CONSTRUCTION	6.5	6.6	7.5	-0.1	-1.5	-1.0	-13.3
MANUFACTURING	45.3	45.3	47.4	0.0	*****	-2.1	-4.4
DURABLE GOODS	33.5	33.5	34.3	0.0	*****	-0.8	-2.3
AUD,VID,COMM EQUIP & ELEC COMPON	8.3	8.3	9.4	0.0	*****	-1.1	-11.7
NONDURABLE GOODS	11.8	11.8	13.1	0.0	*****	-1.3	-9.9
TRANSPORTATION,PUBLIC UTILITIES	6.2	5.7	6.2 #	0.5	8.1	0.0	0.0
WHOLESALE & RETAIL TRADE	37.3	37.3	37.7	0.0	*****	-0.4	-1.1
WHOLESALE TRADE	7.8	7.9	7.3	-0.1	-1.3	0.5	6.8
RETAIL TRADE	29.5	29.4	30.4	0.1	0.3	-0.9	-3.0
FINANCE, INSURANCE & REAL ESTATE	6.3	6.5	6.4	-0.2	-3.2	-0.1	-1.6
SERVICES	40.7	41.0	38.2	-0.3	-0.7	2.5	6.5
HEALTH SERVICES	13.2	13.2	12.7	0.0	*****	0.5	3.9
GOVERNMENT	20.9	19.9	21.2	1.0	4.8	-0.3	-1.4
FEDERAL	3.7	3.8	3.9	-0.1	-2.7	-0.2	-5.1
STATE	2.5	2.5	2.5	0.0	*****	0.0	0.0
LOCAL	14.7	13.6	14.8	1.1	7.5	-0.1	-0.7

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

				MONTHLY CHANGE		ANNUAL CHANGE	
	SEP 1990	AUG 1990	SEP 1989	#	%	#	%
PITTSFIELD, MASSACHUSETTS MSA							
NONAGRICULTURAL EMPLOYMENT	42.3	43.0	42.4	-0.7	-1.7	-0.1	-0.2
TOTAL PRIVATE	37.9	38.7	37.9	-0.8	-2.1	0.0	0.0
GOODS PRODUCING	12.3	12.5	13.0	-0.2	-1.6	-0.7	-5.4
SERVICE PRODUCING	30.0	30.5	29.4	-0.5	-1.7	0.6	2.0
PRIVATE SERVICE PRODUCING	25.6	26.2	24.9	-0.6	-2.3	0.7	2.8
MINING	0.0	0.0	0.1	0.0	*****	-0.1	0.0
CONSTRUCTION	1.8	1.9	2.3	-0.1	-5.6	-0.5	-21.7
MANUFACTURING	10.5	10.6	10.6	-0.1	-1.0	-0.1	-0.9
DURABLE GOODS	7.3	7.3	7.0	0.0	*****	0.3	4.3
NONDURABLE GOODS	3.2	3.3	3.6	-0.1	-3.1	-0.4	-11.1
TRANSPORTATION,PUBLIC UTILITIES	1.4	1.4	1.2 #	0.0	*****	0.2	16.7
WHOLESALE & RETAIL TRADE	10.1	10.1	10.1	0.0	*****	0.0	0.0
WHOLESALE TRADE	1.0	1.0	1.0	0.0	*****	0.0	0.0
RETAIL TRADE	9.1	9.1	9.1	0.0	*****	0.0	0.0
FINANCE, INSURANCE & REAL ESTATE	1.9	2.0	2.0	-0.1	-5.3	-0.1	-5.0
SERVICES	12.2	12.7	11.6	-0.5	-4.1	0.6	5.2
GOVERNMENT	4.4	4.3	4.5	0.1	2.3	-0.1	-2.2
FEDERAL	0.5	0.6	0.5	-0.1	-20.0	0.0	0.0
STATE	1.1	1.0	1.1	0.1	9.1	0.0	0.0
LOCAL	2.8	2.7	2.9	0.1	3.6	-0.1	-3.4
NEW BEDFORD, MASSACHUSETTS MSA							
NONAGRICULTURAL EMPLOYMENT	65.5	66.2	68.3	-0.7	-1.1	-2.8	-4.1
TOTAL PRIVATE	56.4	57.2	58.4	-0.8	-1.4	-2.0	-3.4
GOODS PRODUCING	19.3	19.5	21.0	-0.2	-1.0	-1.7	-8.1
SERVICE PRODUCING	46.2	46.7	47.3	-0.5	-1.1	-1.1	-2.3
PRIVATE SERVICE PRODUCING	37.1	37.7	37.4	-0.6	-1.6	-0.3	-0.8
CONSTRUCTION	2.6	2.7	3.1	-0.1	-3.8	-0.5	-16.1
MANUFACTURING	16.7	16.8	17.9	-0.1	-0.6	-1.2	-6.7
DURABLE GOODS	7.0	7.1	7.8	-0.1	-1.4	-0.8	-10.3
NONDURABLE GOODS	9.7	9.7	10.1	0.0	*****	-0.4	-4.0
TRANSPORTATION,PUBLIC UTILITIES	2.5	2.3	2.7 #	0.2	8.0	-0.2	-7.4
WHOLESALE & RETAIL TRADE	16.9	16.8	17.0	0.1	0.6	-0.1	-0.6
WHOLESALE TRADE	3.1	3.2	3.1	-0.1	-3.2	0.0	0.0
RETAIL TRADE	13.8	13.6	13.9	0.2	1.4	-0.1	-0.7
FINANCE, INSURANCE & REAL ESTATE	2.5	2.5	2.5	0.0	*****	0.0	0.0
SERVICES	15.2	16.1	15.2	-0.9	-5.9	0.0	0.0
GOVERNMENT	9.1	9.0	9.9	0.1	1.1	-0.8	-8.1
STATE	1.7	1.7	1.8	0.0	*****	-0.1	-5.6
LOCAL	6.3	6.2	7.1	0.1	1.6	-0.8	-11.3
FALL RIVER, MASSACHUSETTS-RHODE ISLAND PMSA							
NONAGRICULTURAL EMPLOYMENT	55.5	54.2	57.5	1.3	2.3	-2.0	-3.5
TOTAL PRIVATE	48.3	47.9	50.3	0.4	0.8	-2.0	-4.0
GOODS PRODUCING	16.8	16.1	18.0	0.7	4.2	-1.2	-6.7
SERVICE PRODUCING	38.7	38.1	39.5	0.6	1.6	-0.8	-2.0
PRIVATE SERVICE PRODUCING	31.5	31.8	32.3	-0.3	-1.0	-0.8	-2.5
CONSTRUCTION	2.4	2.4	2.6	0.0	*****	-0.2	-7.7
MANUFACTURING	14.4	13.7	15.4	0.7	4.9	-1.0	-6.5
DURABLE GOODS	2.5	2.4	2.7	0.1	4.0	-0.2	-7.4
NONDURABLE GOODS	11.9	11.3	12.7	0.6	5.0	-0.8	-6.3
TEXTILE MILL PRODUCTS	3.2	3.2	3.9	0.0	*****	-0.7	-17.9
TRANSPORTATION,PUBLIC UTILITIES	1.9	1.9	1.7 #	0.0	*****	0.2	11.8
WHOLESALE & RETAIL TRADE	14.7	14.8	15.8	-0.1	-0.7	-1.1	-7.0
WHOLESALE TRADE	3.0	3.1	2.9	-0.1	-3.3	0.1	3.4
RETAIL TRADE	11.7	11.7	12.9	0.0	*****	-1.2	-9.3
FINANCE, INSURANCE & REAL ESTATE	3.5	3.6	3.5	-0.1	-2.9	0.0	0.0
SERVICES	11.4	11.5	11.3	-0.1	-0.9	0.1	0.9
HOSPITALS	2.3	2.3	2.3	0.0	*****	0.0	0.0
GOVERNMENT	7.2	6.3	7.2	0.9	12.5	0.0	0.0
FEDERAL	0.5	0.5	0.4	0.0	*****	0.1	25.0
STATE	0.9	0.9	1.0	0.0	*****	-0.1	-10.0
LOCAL	5.8	4.9	5.8	0.9	15.5	0.0	0.0

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

	SEP 1990	AUG 1990	SEP 1989	MONTHLY CHANGE #	MONTHLY CHANGE %	ANNUAL CHANGE #	ANNUAL CHANGE %
FITCHBURG-LEOMINSTER, MASSACHUSETTS MSA							
NONAGRICULTURAL EMPLOYMENT	39.2	38.7	41.4	0.5	1.3	-2.2	-5.3
TOTAL PRIVATE	34.7	34.5	36.6	0.2	0.6	-1.9	-5.2
GOODS PRODUCING	13.4	13.4	14.5	0.0	*****	-1.1	-7.6
SERVICE PRODUCING	25.8	25.3	26.9	0.5	1.9	-1.1	-4.1
PRIVATE SERVICE PRODUCING	21.3	21.1	22.1	0.2	0.9	-0.8	-3.6
CONSTRUCTION	1.7	1.7	2.2	0.0	*****	-0.5	-22.7
MANUFACTURING	11.7	11.7	12.3	0.0	*****	-0.6	-4.9
DURABLE GOODS	5.3	5.5	5.5	-0.2	-3.8	-0.2	-3.6
NONDURABLE GOODS	6.4	6.2	6.8	0.2	3.1	-0.4	-5.9
TRANSPORTATION,PUBLIC UTILITIES	1.4	1.2	1.3 #	0.2	14.3	0.1	7.7
WHOLESALE & RETAIL TRADE	9.3	9.2	10.2	0.1	1.1	-0.9	-8.8
WHOLESALE TRADE	1.9	1.9	1.8	0.0	*****	0.1	5.6
RETAIL TRADE	7.4	7.3	8.4	0.1	1.4	-1.0	-11.9
FINANCE, INSURANCE & REAL ESTATE	1.5	1.5	1.5	0.0	*****	0.0	0.0
SERVICES	9.1	9.2	9.1	-0.1	-1.1	0.0	0.0
GOVERNMENT	4.5	4.2	4.8	0.3	6.7	-0.3	-6.3
FEDERAL	0.2	0.3	0.3	-0.1	-50.0	-0.1	-33.3
STATE	1.0	1.0	1.0	0.0	*****	0.0	0.0
LOCAL	3.3	2.9	3.5	0.4	12.1	-0.2	-5.7
LOWELL,MASSACHUSETTS-NEW HAMPSHIRE PMSA							
NONAGRICULTURAL EMPLOYMENT	100.3	99.3	104.9	1.0	1.0	-4.6	-4.4
TOTAL PRIVATE	87.5	87.3	92.1	0.2	0.2	-4.6	-5.0
GOODS PRODUCING	35.5	36.0	39.3	-0.5	-1.4	-3.8	-9.7
SERVICE PRODUCING	64.8	63.3	65.6	1.5	2.3	-0.8	-1.2
PRIVATE SERVICE PRODUCING	52.0	51.3	52.8	0.7	1.3	-0.8	-1.5
CONSTRUCTION AND MINING	4.4	4.6	5.0	-0.2	-4.5	-0.6	-12.0
MANUFACTURING	31.1	31.4	34.3	-0.3	-1.0	-3.2	-9.3
DURABLE GOODS	24.5	24.5	27.1	0.0	*****	-2.6	-9.6
NONDURABLE GOODS	6.6	6.9	7.2	-0.3	-4.5	-0.6	-8.3
TRANSPORTATION,PUBLIC UTILITIES	4.9	4.5	4.6 #	0.4	8.2	0.3	6.5
WHOLESALE & RETAIL TRADE	21.6	21.4	22.5	0.2	0.9	-0.9	-4.0
WHOLESALE TRADE	4.6	4.7	4.4	-0.1	-2.2	0.2	4.5
RETAIL TRADE	17.0	16.7	18.1	0.3	1.8	-1.1	-6.1
FINANCE, INSURANCE & REAL ESTATE	3.4	3.4	3.8	0.0	*****	-0.4	-10.5
SERVICES	22.1	22.0	21.9	0.1	0.5	0.2	0.9
GOVERNMENT	12.8	12.0	12.8	0.8	6.3	0.0	0.0
STATE	2.7	2.7	3.0	0.0	*****	-0.3	-10.0
LOCAL	9.0	8.1	8.8	0.9	10.0	0.2	2.3
***SALEM-GLOUCESTER, MASSACHUSETTS PMSA**							
NONAGRICULTURAL EMPLOYMENT	116.2	116.0	118.6	0.2	0.2	-2.4	-2.0
TOTAL PRIVATE	100.6	100.9	102.9	-0.3	-0.3	-2.3	-2.2
GOODS PRODUCING	25.6	25.4	26.8	0.2	0.8	-1.2	-4.5
SERVICE PRODUCING	90.6	90.6	91.8	0.0	*****	-1.2	-1.3
PRIVATE SERVICE PRODUCING	75.0	75.5	76.1	-0.5	-0.7	-1.1	-1.4
CONSTRUCTION	5.1	5.1	5.6	0.0	*****	-0.5	-8.9
MANUFACTURING	20.5	20.3	21.2	0.2	1.0	-0.7	-3.3
DURABLE GOODS	13.8	13.7	14.5	0.1	0.7	-0.7	-4.8
NONDURABLE GOODS	6.7	6.6	6.7 #	0.1	1.5	0.0	0.0
TRANSPORTATION,PUBLIC UTILITIES	4.0	3.8	3.8 #	0.2	5.0	0.2	5.3
WHOLESALE & RETAIL TRADE	33.2	33.4	34.0	-0.2	-0.6	-0.8	-2.4
WHOLESALE TRADE	6.4	6.5	6.0	-0.1	-1.6	0.4	6.7
RETAIL TRADE	26.8	26.9	28.0	-0.1	-0.4	-1.2	-4.3
FINANCE, INSURANCE & REAL ESTATE	6.7	6.9	6.5	-0.2	-3.0	0.2	3.1
SERVICES	31.1	31.4	31.8	-0.3	-1.0	-0.7	-2.2
GOVERNMENT	15.6	15.1	15.7	0.5	3.2	-0.1	-0.6
FEDERAL	1.0	1.1	0.9	-0.1	-10.0	0.1	11.1
STATE	3.9	3.9	3.8	0.0	*****	0.1	2.6
LOCAL	10.7	10.1	11.0	0.6	5.6	-0.3	-2.7

* - NOT VALIDATED BY BLS

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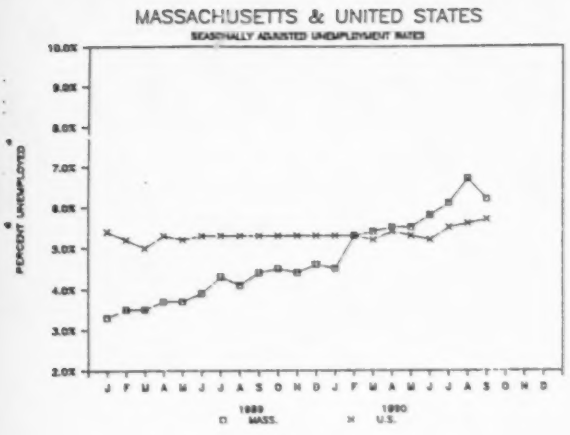
Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS
MANUFACTURING

Area	Average Weekly Hours			Average Hourly Earnings		
	SEP 90	AUG 90	SEP 89	SEP 90	AUG 90	SEP 89
UNITED STATES	41.2	40.8	41.2	$10.94	$10.82	$10.56
MASSACHUSETTS	40.6	40.4	40.7	11.40	11.31	10.99
BOSTON	40.6	40.6	40.6	12.27	12.12	11.67
BROCKTON	39.3	39.6	38.9	9.81	9.61	9.64
FALL RIVER	38.5	38.8	39.8	9.17	9.09	8.63
LAWRENCE-HAVERHILL	41.0	40.6	40.4	11.52	11.43	11.15
LOWELL	40.7	40.1	39.1	11.09	10.84	10.70
NEW BEDFORD	38.7	39.3	38.1	10.26	10.06	9.57
SPRINGFIELD	41.4	41.4	41.9	10.84	10.75	10.46
WORCESTER	41.3	41.3	40.6	11.07	11.05	10.87

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	SEP 90	AUG 90	SEP 89	SEP 90	AUG 90	SEP 89
MANUFACTURING	40.6	40.4	40.7	$11.40	$11.31	$10.99
DURABLE GOODS	41.1	40.7	40.9	11.84	11.72	11.42
LUMBER & FURNITURE	38.5	38.7	39.4	9.40	9.27	9.55
STONE, CLAY & GLASS	41.5	42.2	42.9	13.00	12.92	13.38
PRIMARY METALS	43.7	43.9	43.0	11.22	11.02	10.42
FABRICATED METALS	40.3	40.2	39.7	12.19	12.09	11.79
CUTLERY, ETC.	45.7	45.3	46.0	12.40	12.35	11.99
INDUSTRIAL MACHINERY	42.3	41.5	41.9	12.16	12.16	11.71
METALWORKING MACH.	42.3	41.5	41.9	11.64	11.75	11.49
SPECIAL IND. MACH.	42.0	41.8	42.4	11.52	11.39	11.34
COMPUTER & OFFICE EQ.	42.6	42.2	42.8	11.81	11.88	10.95
ELEC. & ELECTRON. EQUIP.	39.8	39.8	39.4	11.39	11.25	10.74
COMMUNICATIONS EQUIP.	40.6	40.8	40.8	11.80	11.83	11.42
ELECTRONIC COMP.	39.9	39.5	39.8	11.22	11.05	10.70
TRANSPORTATION EQUIP.	41.8	40.9	41.4	13.97	13.68	13.58
INSTRUMENTS	41.9	41.3	42.1	12.37	12.16	12.05
MEAS. & CONTROL DEVICES	44.1	43.5	44.2	10.25	10.07	9.72
MISC. MANUFAC. INDUSTRIES	40.4	40.2	40.6	9.56	9.60	9.16
JEWELRY	42.1	42.6	42.1	9.48	9.58	8.77
NONDURABLE GOODS	39.8	39.8	40.3	10.68	10.64	10.30
FOOD & KINDRED PROD.	40.3	39.7	41.0	10.12	10.40	10.66
TEXTILE MILL PROD.	44.1	44.1	44.4	9.65	9.67	9.58
APPAREL	34.4	35.2	34.9	7.87	7.74	7.54
PAPER & ALLIED PRODUCTS	42.4	42.5	42.8	11.24	11.24	10.62
PRINTING & PUBLISHING	37.4	37.2	38.7	12.22	12.07	11.56
CHEMICALS	42.2	42.7	40.5	12.78	12.95	12.46
RUBBER & PLASTIC PROD.	41.5	41.2	42.3	10.66	10.53	9.98
MISC. PLAS. PROD.	39.8	39.1	41.3	10.40	10.33	9.71
LEATHER & LEATHER PROD.	39.9	40.1	38.6	8.17	7.91	7.74



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displayed the lowest unemployment rates of the state's major labor market areas. The Fitchburg-Leominster MSA had the highest unemployment rate at 9.3 percent. The Fall River PMSA and the New Bedford MSA also had high unemployment rates, both at 8.7 percent.

Among the smaller labor areas, Nantucket had the lowest unemployment rate at 2.6 percent. The highest unemployment was found in Gardner which had a rate of 9.9 percent.

MASSACHUSETTS SETTING THE TREND

The New England economy has undergone a dramatic turn-around over the past year and a half. The fact that New England had outperformed the rest of the nation for several years makes the current situation seem even more serious. Massachusetts, which led the nation in the mid-1980s with phenomenal job growth and low unemployment, is now one of the first states to feel the effects of an economic downturn.

In Massachusetts, in the mid 80's, rapid growth in the service sector combined with a construction industry on the rise, masked ongoing declines in the manufacturing industries. As the service sector expansion began to ease, and over building caused a slowdown in the real estate and construction sectors, problems in the Massachusetts economy were illuminated. Massachusetts manufacturing industries have posted significant job declines since 1984. Job losses in manufacturing are more severe in Massachusetts than the rest of the nation for a variety of reasons. These include the ongoing erosion of the computer industry in Massachusetts, the fact that production costs are, on the average, higher in Massachusetts than in the rest of the country, and the cutback in federal defense spending. Because the defense contractors are already vulnerable, further layoffs are imminent.

Massachusetts, after several years of posting unemployment rates lower than the nation, is now undergoing a very difficult transformation. In February 1990 the Massachusetts seasonally adjusted unemployment rate caught up with the national rate and has been above it ever since. With the current slowdown, the Massachusetts annual average unemployment rate for 1990 is expected to be above the national rate for the first time since 1977.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(in thousands)

	Sept. 1990	Aug. 1990	Sept. 1989
United States	5.7	5.6	5.3
Massachusetts	6.2	6.7	4.4
Labor Force	3187.0	3171.0	3155.0
Employed	2988.0	2960.0	3017.0
Unemployed	199.0	211.0	138.0

LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREAS

AREA	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	SEP 90	AUG 90	SEP 89	SEP 90	AUG 90	SEP 89	SEP 90	AUG 90	SEP 89	SEP 90	AUG 90	SEP 89
United States	124,779,000	126,012,000	123,826,000	117,961,000	119,174,000	117,496,000	6,818,000	6,838,000	6,330,000	5.5	5.4	5.1
Massachusetts	3,146,800	3,238,000	3,120,700	2,952,900	3,030,800	2,986,500	193,900	207,200	134,200	6.2	6.4	4.3
MAJOR LABOR AREAS												
Boston PMSA	1,540,215	1,580,348	1,527,337	1,455,493	1,490,358	1,468,855	84,722	89,990	58,482	5.5	5.7	3.8
Brockton PMSA	100,858	103,469	99,166	93,140	95,273	93,778	7,718	8,196	5,388	7.7	7.9	5.4
Fall River PMSA	78,549	79,560	77,287	71,704	72,092	72,486	6,845	7,468	4,801	8.7	9.4	6.2
Fitchburg-Leominster MSA	46,091	47,383	46,832	41,812	42,787	44,037	4,279	4,596	2,795	9.3	9.7	6.0
Lawrence-Haverhill PMSA	193,991	197,770	186,289	178,334	182,039	174,779	15,657	15,731	11,510	8.1	8.0	6.2
Lowell PMSA	149,780	154,361	150,046	139,084	142,587	142,181	10,696	11,774	7,865	7.1	7.6	5.2
New Bedford MSA	85,615	88,824	85,232	78,149	81,146	80,314	7,466	7,678	4,918	8.7	8.6	5.8
Pittsfield MSA	40,626	42,726	39,436	38,224	40,093	37,681	2,402	2,633	1,755	5.9	6.2	4.5
Salem-Gloucester PMSA	159,950	165,134	157,028	151,539	155,887	151,527	8,411	9,247	5,501	5.3	5.6	3.5
Springfield MSA	253,476	258,892	251,011	238,370	242,467	240,001	15,106	16,425	11,010	6.0	6.3	4.4
Worcester MSA	222,852	227,389	216,753	208,599	212,118	207,277	14,253	15,271	9,476	6.4	6.7	4.4
OTHER LABOR AREAS												
Amherst LMA	31,657	30,779	31,018	30,206	29,395	30,061	1,451	1,384	957	4.6	4.5	3.1
Athol LMA	11,026	10,722	10,837	9,982	9,597	10,057	1,044	1,125	780	9.5	10.5	7.2
Attleboro LMA	49,971	51,062	48,728	46,500	47,342	46,378	3,471	3,720	2,350	6.9	7.3	4.8
Balance of Western Mass.	9,569	10,519	9,908	9,060	9,943	9,574	509	576	334	5.3	5.5	3.4
Barnstable LMA	106,264	117,451	110,876	99,489	110,472	106,415	6,775	6,979	4,461	6.4	5.9	4.0
Dukes County LMA	8,244	10,182	8,831	7,972	9,915	8,623	272	267	208	3.3	2.6	2.4
Gardner LMA	14,511	14,335	15,396	13,069	12,745	14,325	1,442	1,590	1,071	9.9	11.1	7.0
Great Barrington LMA	9,211	9,930	9,236	8,902	9,544	9,028	309	386	208	3.4	3.9	2.3
Greenfield LMA	27,315	27,706	26,807	25,923	26,186	25,808	1,392	1,520	999	5.1	5.5	3.7
Nantucket LMA	7,096	9,067	7,656	6,911	8,917	7,537	185	150	119	2.6	1.7	1.6
North Adams LMA	19,836	20,364	20,205	18,485	18,934	19,393	1,351	1,430	812	6.8	7.0	4.0
Southbridge LMA	13,253	13,585	13,079	12,152	12,347	12,359	1,101	1,238	720	8.3	9.1	5.5
Taunton LMA	28,133	28,314	29,257	25,661	25,511	27,553	2,472	2,803	1,704	8.8	9.9	5.8
Ware LMA	8,378	8,361	8,706	7,620	7,581	8,241	758	780	465	9.0	9.3	5.3

NOTE: Data not seasonally adjusted

Massachusetts Cities and Towns
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LOCATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Abington Town	7,895	7,318	577	7.3
Acton Town	9,917	9,577	340	3.4
Acushnet Town	5,111	4,737	374	7.3
Adams Town	5,206	4,759	447	8.6
Agawam Town	14,474	13,799	675	4.7
Alford Town	226	218	8	3.5
Amesbury Town	7,415	6,829	586	7.9
Amherst Town	19,850	18,897	953	4.8
Andover Town	14,173	13,437	736	5.2
Arlington Town	25,516	24,511	1,005	3.9
Ashburnham Town	2,476	2,245	231	9.3
Ashby Town	1,347	1,236	111	8.2
Ashfield Town	973	918	55	5.7
Ashland Town	7,430	7,001	429	5.8
Athol Town	4,831	4,309	522	10.8
Attleboro City	18,688	17,257	1,431	7.7
Auburn Town	8,734	8,146	588	6.7
Avon Town	2,911	2,711	200	6.9
Ayer Town	3,398	3,158	240	7.1
Barnstable Town	21,917	20,072	1,845	8.4
Barre Town	2,428	2,257	171	7.0
Becket Town	795	757	38	4.8
Bedford Town	6,835	6,521	314	4.6
Belchertown Town	5,153	4,896	257	5.0
Bellingham Town	7,907	7,307	600	7.6
Belmont Town	13,637	13,158	479	3.5
Berkley Town	2,008	1,864	144	7.2
Berlin Town	1,255	1,179	76	6.1
Bernardston Town	1,044	980	64	6.1
Beverly City	23,067	22,002	1,065	4.6
Billerica Town	22,118	20,676	1,442	6.5
Blackstone Town	3,801	3,449	352	9.3
Blandford Town	628	584	44	7.0
Bolton Town	1,697	1,601	96	5.7
Boston City	298,979	280,736	18,243	6.1
Bourne Town	8,049	7,404	645	8.0
Boxborough Town	2,145	2,052	93	4.3
Boxford Town	3,168	3,042	126	4.0
Boylston Town	2,194	2,057	137	6.2
Braintree Town	18,820	17,801	1,019	5.4
Brewster Town	3,949	3,695	254	6.4
Bridgewater Town	9,997	9,396	601	6.0
Brimfield Town	1,265	1,185	80	6.3
Brockton City	49,262	44,884	4,378	8.9
Brookfield Town	1,568	1,475	93	5.9
Brookline Town	30,783	29,998	785	2.6
Buckland Town	1,012	998	14	1.4
Burlington Town	13,560	12,808	752	5.5
Cambridge City	52,411	50,273	2,138	4.1
Canton Town	10,246	9,737	509	5.0
Carlisle Town	2,242	2,183	59	2.6
Carver Town	5,026	4,658	368	7.3
Charlemont Town	691	650	41	5.9
Charlton Town	4,531	4,260	271	6.0
Chatham Town	3,171	3,090	81	2.6
Chelmsford Town	19,025	17,886	1,139	6.0
Chelsea City	11,882	10,785	1,097	9.2

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LOCATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Cheshire Town	1,779	1,663	116	6.5
Chester Town	598	541	57	9.5
Chesterfield Town	629	605	24	3.8
Chicopee City	29,230	27,322	1,908	6.5
Chilmark Town	471	456	15	3.2
Clarksburg Town	982	941	41	4.2
Clinton Town	6,834	6,354	480	7.0
Cohasset Town	3,864	3,610	254	6.6
Colrain Town	915	862	53	5.8
Concord Town	9,152	8,864	288	3.1
Conway Town	896	853	43	4.8
Cummington Town	422	389	33	7.8
Dalton Town	3,457	3,272	185	5.4
Danvers Town	15,328	14,587	741	4.8
Dartmouth Town	13,843	12,857	986	7.1
Dedham Town	13,315	12,663	652	4.9
Deerfield Town	3,009	2,871	138	4.6
Dennis Town	6,972	6,693	279	4.0
Dighton Town	2,774	2,578	196	7.1
Douglas Town	2,558	2,320	238	9.3
Dover Town	2,413	2,343	70	2.9
Dracut Town	15,332	14,273	1,059	6.9
Dudley Town	5,182	4,919	263	5.1
Dunstable Town	1,248	1,171	77	6.2
Duxbury Town	6,778	6,477	301	4.4
East Bridgewater Town	5,754	5,402	352	6.1
East Brookfield Town	939	872	67	7.1
East Longmeadow Town	6,417	6,188	229	3.6
Eastham Town	2,438	2,346	92	3.8
Easthampton Town	8,551	8,152	399	4.7
Easton Town	10,970	10,306	664	6.1
Edgartown Town	2,332	2,257	75	3.2
Egremont Town	799	787	12	1.5
Erving Town	581	561	20	3.4
Essex Town	1,786	1,708	78	4.4
Everett City	18,578	17,160	1,418	7.6
Fairhaven Town	7,883	7,255	628	8.0
Fall River City	44,414	39,909	4,505	10.1
Falmouth Town	14,549	13,706	843	5.8
Fitchburg City	17,833	16,035	1,798	10.1
Florida Town	377	362	15	4.0
Foxborough Town	8,278	7,787	491	5.9
Framingham Town	38,372	36,373	1,999	5.2
Franklin Town	10,945	10,276	669	6.1
Freetown Town	4,345	4,028	317	7.3
Gardner City	7,919	7,112	807	10.2
Gay Head Town	137	137	0	0.0
Georgetown Town	3,206	3,020	186	5.8
Gill Town	821	778	43	5.2
Gloucester City	16,743	15,252	1,491	8.9
Goshen Town	446	427	19	4.3
Gosnold Town	35	35	0	0.0
Grafton Town	7,097	6,721	376	5.3

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LOCATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Granby Town	2,929	2,729	200	6.8
Granville Town	738	719	19	2.6
Great Barrington Town	3,960	3,815	145	3.7
Greenfield Town	9,845	9,329	516	5.2
Groton Town	4,030	3,886	144	3.6
Groveland Town	2,785	2,604	181	6.5
Hadley Town	3,046	2,903	143	4.7
Halifax Town	3,159	2,913	246	7.8
Hamilton Town	4,365	4,202	163	3.7
Hampden Town	2,243	2,143	100	4.5
Hancock Town	315	303	12	3.8
Hanover Town	6,146	5,822	324	5.3
Hanson Town	4,601	4,250	351	7.6
Hardwick Town	913	833	80	8.8
Harvard Town	3,366	3,260	106	3.1
Harwich Town	4,991	4,704	287	5.8
Hatfield Town	2,209	2,077	132	6.0
Haverhill City	24,829	22,865	1,964	7.9
Hawley Town	191	189	2	1.0
Heath Town	284	280	4	1.4
Hingham Town	10,020	9,563	457	4.6
Hinsdale Town	929	870	59	6.4
Holbrook Town	6,314	5,953	361	5.7
Holden Town	7,710	7,345	365	4.7
Holland Town	891	832	59	6.6
Holliston Town	7,527	7,190	337	4.5
Holyoke City	17,560	16,064	1,496	8.5
Hopedale Town	2,365	2,154	211	8.9
Hopkinton Town	5,271	5,036	235	4.5
Hubbardston Town	966	870	96	9.9
Hudson Town	10,542	9,999	543	5.2
Hull Town	4,687	4,352	335	7.1
Huntington Town	986	875	111	11.3
Ipswich Town	7,149	6,839	310	4.3
Kingston Town	4,418	4,148	270	6.1
Lakeville Town	3,864	3,697	167	4.3
Lancaster Town	3,170	3,042	128	4.0
Lanesborough Town	1,696	1,610	86	5.1
Lawrence City	29,159	25,761	3,398	11.7
Lee Town	3,044	2,884	160	5.3
Leicester Town	5,432	5,121	311	5.7
Lenox Town	2,969	2,808	161	5.4
Leominster City	17,327	15,780	1,547	8.9
Leverett Town	1,196	1,168	28	2.3
Lexington Town	16,347	15,836	511	3.1
Leyden Town	434	404	30	6.9
Lincoln Town	3,383	3,333	50	1.5
Littleton Town	4,067	3,886	181	4.5
Longmeadow Town	7,613	7,339	274	3.6
Lowell City	51,637	47,428	4,209	8.2
Ludlow Town	10,397	9,895	502	4.8
Lunenburg Town	4,214	3,918	296	7.0
Lynn City	39,863	36,533	3,330	8.4
Lynnfield Town	5,963	5,749	214	3.6

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LOCATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Malden City	28,842	26,810	2,032	7.0
Manchester Town	3,014	2,925	89	3.0
Mansfield Town	8,838	8,165	673	7.6
Marblehead Town	12,089	11,544	545	4.5
Marion Town	2,076	1,924	152	7.3
Marlborough City	18,894	17,801	1,093	5.8
Marshfield Town	11,794	11,033	761	6.5
Mashpee Town	4,717	4,443	274	5.8
Mattapoisett Town	3,223	3,049	174	5.4
Maynard Town	5,801	5,545	256	4.4
Medfield Town	5,544	5,313	231	4.2
Medford City	30,425	28,702	1,723	5.7
Medway Town	5,350	5,007	343	6.4
Melrose City	15,458	14,730	728	4.7
Mendon Town	2,077	1,936	141	6.8
Merrimac Town	2,602	2,392	210	8.1
Methuen Town	22,181	20,626	1,555	7.0
Middleborough Town	8,465	7,685	780	9.2
Middlefield Town	201	190	11	5.5
Middleton Town	3,371	3,222	149	4.4
Milford Town	13,474	12,561	913	6.8
Millbury Town	6,477	6,014	463	7.1
Millis Town	4,091	3,843	248	6.1
Millville Town	1,131	1,040	91	8.0
Milton Town	12,793	12,328	465	3.6
Monroe Town	54	54	0	0.0
Monson Town	3,755	3,525	230	6.1
Montague Town	4,440	4,232	208	4.7
Monterey Town	597	583	14	2.3
Montgomery Town	305	303	2	0.7
Mount Washington Town	83	73	10	12.0
Nahant Town	2,161	2,067	94	4.3
Nantucket Town	7,096	6,911	185	2.6
Natick Town	17,561	16,767	794	4.5
Needham Town	15,145	14,584	561	3.7
New Ashford Town	105	101	4	3.8
New Bedford City	47,019	42,293	4,726	10.1
New Braintree Town	311	290	21	6.8
New Marlborough Town	710	708	2	0.3
New Salem Town	443	393	50	11.3
Newbury Town	2,756	2,601	155	5.6
Newburyport City	8,798	8,209	589	6.7
Newton City	46,990	45,353	1,637	3.5
Norfolk Town	3,902	3,712	190	4.9
North Adams Town	8,374	7,686	688	8.2
North Andover Town	11,638	11,030	608	5.2
North Attleborough Town	12,183	11,360	823	6.8
North Brookfield Town	2,244	2,105	139	6.2
North Reading Town	7,036	6,637	399	5.7
Northampton City	14,006	13,289	717	5.1
Northborough Town	6,558	6,231	327	5.0
Northbridge Town	6,876	6,433	443	6.4
Northfield Town	1,423	1,361	62	4.4
Norton Town	7,760	7,146	614	7.9
Norwell Town	4,742	4,527	215	4.5
Norwood Town	16,490	15,588	902	5.5

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LOCATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Oak Bluffs Town	1,486	1,433	53	3.6
Oakham Town	559	518	41	7.3
Orange Town	3,063	2,738	325	10.6
Orleans Town	3,093	2,974	119	3.8
Otis Town	480	441	39	8.1
Oxford Town	6,807	6,333	474	7.0
Palmer Town	6,366	6,000	366	5.7
Paxton Town	2,154	2,096	58	2.7
Peabody City	29,412	27,768	1,644	5.6
Pelham Town	1,022	992	30	2.9
Pembroke Town	7,681	7,205	476	6.2
Pepperell Town	5,580	5,208	372	6.7
Peru Town	438	413	25	5.7
Petersham Town	450	433	17	3.8
Phillipston Town	506	473	33	6.5
Pittsfield City	24,613	23,041	1,572	6.4
Plainfield Town	229	207	22	9.6
Plainville Town	3,238	3,062	176	5.4
Plymouth Town	19,677	18,208	1,469	7.5
Plympton Town	1,136	1,077	59	5.2
Princeton Town	1,768	1,706	62	3.5
Provincetown Town	2,133	1,988	145	6.8
Quincy City	46,253	43,432	2,821	6.1
Randolph Town	16,768	15,734	1,034	6.2
Raynham Town	5,198	4,890	308	5.9
Reading Town	13,007	12,328	679	5.2
Rehoboth Town	4,289	4,084	205	4.8
Revere City	23,100	21,454	1,646	7.1
Richmond Town	855	826	29	3.4
Rochester Town	2,115	2,005	110	5.2
Rockland Town	8,132	7,423	709	8.7
Rockport Town	3,525	3,294	231	6.6
Rowe Town	210	196	14	6.7
Rowley Town	2,996	2,820	176	5.9
Royalston Town	485	467	18	3.7
Russell Town	790	758	32	4.1
Rutland Town	2,487	2,368	119	4.8
Salem City	23,545	22,291	1,254	5.3
Salisbury Town	3,903	3,607	296	7.6
Sandisfield Town	421	408	13	3.1
Sandwich Town	8,003	7,587	416	5.2
Saugus Town	14,467	13,653	814	5.6
Savoy Town	450	363	87	19.3
Scituate Town	8,789	8,340	449	5.1
Seekonk Town	6,642	6,248	394	5.9
Sharon Town	8,573	8,151	422	4.9
Sheffield Town	1,609	1,542	67	4.2
Shelburne Town	1,069	966	103	9.6
Sherborn Town	2,057	2,009	48	2.3
Shirley Town	3,011	2,824	187	6.2
Shrewsbury Town	13,252	12,560	692	5.2
Shutesbury Town	1,003	967	36	3.6
Somerset Town	9,934	9,271	663	6.7
Somerville City	38,822	36,562	2,260	5.8
South Hadley Town	8,790	8,372	418	4.8

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LOCATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Southampton Town	2,438	2,322	116	4.8
Southborough Town	3,601	3,435	166	4.6
Southbridge Town	7,074	6,388	686	9.7
Southwick Town	4,226	4,036	190	4.5
Spencer Town	6,193	5,891	302	4.9
Springfield City	67,732	62,765	4,967	7.3
Sterling Town	3,795	3,634	161	4.2
Stockbridge Town	1,287	1,251	36	2.8
Stoneham Town	12,847	12,153	694	5.4
Stoughton Town	15,258	14,322	936	6.1
Stow Town	3,113	3,013	100	3.2
Sturbridge Town	3,382	3,155	227	6.7
Sudbury Town	7,653	7,365	288	3.8
Sunderland Town	2,326	2,236	90	3.9
Sutton Town	3,549	3,411	138	3.9
Swampscott Town	8,002	7,706	296	3.7
Swansea Town	8,442	7,905	537	6.4
Taunton City	23,351	21,220	2,131	9.1
Templeton Town	2,418	2,202	216	8.9
Tewksbury Town	15,230	14,229	1,001	6.6
Tisbury Town	2,731	2,613	118	4.3
Tolland Town	157	148	9	5.7
Topsfield Town	3,194	3,084	110	3.4
Townsend Town	4,710	4,483	227	4.8
Truro Town	652	612	40	6.1
Tyngsborough Town	4,985	4,686	299	6.0
Tyringham Town	214	210	4	1.9
Upton Town	2,473	2,329	144	5.8
Uxbridge Town	5,065	4,700	365	7.2
Wakefield Town	14,137	13,449	688	4.9
Wales Town	640	592	48	7.5
Walpole Town	10,999	10,465	534	4.9
Waltham City	33,084	31,308	1,776	5.4
Ware Town	3,667	3,335	332	9.1
Wareham Town	10,555	9,666	889	8.4
Warren Town	1,569	1,404	165	10.5
Warwick Town	233	216	17	7.3
Washington Town	298	286	12	4.0
Watertown Town	19,526	18,630	896	4.6
Wayland Town	6,911	6,652	259	3.7
Webster Town	8,040	7,434	606	7.5
Wellesley Town	13,676	13,361	315	2.3
Wellfleet Town	1,264	1,190	74	5.9
Wendell Town	433	392	41	9.5
Wenham Town	2,356	2,290	66	2.8
West Boylston Town	3,382	3,223	159	4.7
West Bridgewater Town	3,552	3,319	233	6.6
West Brookfield Town	1,357	1,240	117	8.6
West Newbury Town	1,709	1,622	87	5.1
West Springfield Town	14,635	13,747	888	6.1
West Stockbridge Town	808	770	38	4.7
West Tisbury Town	1,051	1,041	10	1.0
Westborough Town	7,973	7,626	347	4.4
Westfield City	18,460	17,668	792	4.3
Westford Town	9,030	8,591	439	4.9

Massachusetts Cities and Towns
Labor Force, Employment, and Unemployment
September 1990

LOCATION	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	RATE
Westhampton Town	760	736	24	3.2
Westminster Town	2,895	2,598	297	10.3
Weston Town	5,529	5,400	129	2.3
Westport Town	7,260	6,766	494	6.8
Westwood Town	6,880	6,593	287	4.2
Weymouth Town	30,801	28,848	1,953	6.3
Whately Town	1,003	965	38	3.8
Whitman Town	7,356	6,890	466	6.3
Wilbraham Town	6,419	6,181	238	3.7
Williamsburg Town	1,523	1,426	97	6.4
Williamstown Town	4,026	3,970	56	1.4
Wilmington Town	9,794	9,111	683	7.0
Winchendon Town	3,207	2,885	322	10.0
Winchester Town	10,691	10,290	401	3.8
Windsor Town	375	363	12	3.2
Winthrop Town	10,688	10,159	529	4.9
Woburn City	22,220	20,915	1,305	5.9
Worcester City	81,027	74,987	6,040	7.5
Worthington Town	637	619	18	2.8
Wrentham Town	4,027	3,813	214	5.3
Yarmouth Town	9,812	9,320	492	5.0

UNEMPLOYMENT INSURANCE
INITIAL CLAIMS*
MASSACHUSETTS AND THE LABOR AREAS

AREA	SEP 90	AUG 90	SEP 89
MASSACHUSETTS	8,101	7,784	6,813
BOSTON PMSA	3,324	3,115	2,463
BROCKTON PMSA	316	236	300
FALL RIVER PMSA	445	467	375
FITCHBURG-LEOMINSTER MSA	163	175	85
LAWRENCE-HAVERHILL PMSA	455	454	585
LOWELL PMSA	333	334	422
NEW BEDFORD MSA	395	349	414
PITTSFIELD MSA	106	122	84
SALEM-GLOUCESTER PMSA	344	408	262
SPRINGFIELD MSA	624	654	555
WORCESTER MSA	586	549	472
AMHERST LMA	27	14	11
ATHOL LMA	41	28	46
BALANCE OF WESTERN MASS.	16	17	14
BARNSTABLE LMA	321	237	251
DUKES COUNTY LMA	12	7	13
GARDNER LMA	72	63	65
GREAT BARRINGTON LMA	9	16	8
GREENFIELD LMA	56	52	43
NANTUCKET LMA	10	5	6
NORTH ADAMS LMA	62	124	39
SOUTHBRIDGE LMA	30	54	37
TAUNTON LMA	144	150	128
WARE LMA	36	31	28

* week that includes the 12th of the month

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

Employment Review is published monthly by the D.E.T. Economic Research and Analysis Service in cooperation with the Bureau of Labor Statistics and the Employment and Training Administration.

Estimated Cost Per Copy: $0.0134

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